Name	**Deolink TESPT**
Description	activator for filler
Active substance	Bis(3-triethoxysilylpropyl)tetrasulfane (TESPT)
Silane content	
[%]	50
Appearance	yellow pellets

Analytical values

Total sulphur [%]	DIN 51724-3	10.0 - 13.0
Dropping point [°C], Mettler-apparatus	DIN ISO 2176	72 ± 5
Density at 20 °C [g/cm^3]	DIN ISO 787 part 10A	1.00 ± 0.02

Dosage

in relation to filler [phf]	2 - 16

German Food Legislation (BfR recommendation XXI)	not approved
Supply Form	20 kg in cardboard boxes with PE-inliner

Storage Stability

In originally sealed package in cool and dry places	min. 24 months

Behaviour and Effects

Due to its bifunctionality Deolink TESPT links through the tetrasulfane group to the rubber molecule and through the ethoxy group to the silanol groups of the filler. The chemical bond between polymer and filler improves the physical properties of the vulcanizate.

Application

- Mainly for compounds crosslinked by sulphur
- Deolink TESPT is used to improve tensile strength, modulus and abrasion of the vulcanizates from all commonly used elastomers. Deolink TESPT should be dosed into the internal mixer together with the filler. Best results are obtained at elevated temperatures at about 120 - 140 °C.
- Due to the incorporation into an EVA-wax-matrix the silane is optimally protected against moisture attack.

Valid from